

| L.Number | Hits | Search Text   | DB                   | Time stamp       |
|----------|------|---|----------------------|------------------|
| 1        | 157  | ponnekanti-hari.in. fairbairn-kevin.in.<br>somekh-sasson.in. weidman-timothy.in.<br>shamouilian-sam.in. moghadam-farhad.in.   | USPAT;<br>US-PGPUB   | 2004/06/18 17:16 |
| 2        | 1144 | 118/719.ccls. not (((414/939) or<br>(414/217.1) or (414/217)).CCLS.)  | USPAT;<br>US-PGPUB   | 2004/06/18 17:16 |
| -        | 8    | 118/719.ccls. and (chamber with pressure<br>with higher with prevent)   | USPAT;<br>US-PGPUB   | 2003/03/31 09:54 |
| -        | 1    | ("20010040145").PN.   | USPAT;<br>US-PGPUB   | 2003/02/26 10:13 |
| -        | 1    | ("5769952").PN.   | USPAT;<br>US-PGPUB   | 2003/03/28 11:47 |
| -        | 10   | ((("5310410") or ("5259881") or ("5612082")<br>or ("6375746") or ("6214120") or<br>("5515986") or ("4966519") or ("5067218")<br>or ("5076205") or ("5587038"))).PN. | USPAT;<br>US-PGPUB   | 2003/03/28 11:48 |
| -        | 2297 | ((118/724) or (118/725)).CCLS.  | USPAT;<br>US-PGPUB   | 2003/03/31 09:55 |
| -        | 1238 | (118/719).CCLS.   | USPAT;<br>US-PGPUB   | 2003/11/04 15:52 |
| -        | 0    | ("1 and 2").PN.   | USPAT;<br>US-PGPUB   | 2003/03/31 09:55 |
| -        | 335  | ((118/724) or (118/725)).CCLS.) and<br>((118/719).CCLS.)  | USPAT;<br>US-PGPUB   | 2003/04/03 09:08 |
| -        | 54   | 5512320.URPN.   | USPAT                | 2003/03/31 10:46 |
| -        | 29   | 5609689.URPN.   | USPAT                | 2003/03/31 10:47 |
| -        | 5    | 5879461.URPN.   | USPAT                | 2003/03/31 10:49 |
| -        | 5    | 5879461.URPN.   | USPAT                | 2003/03/31 10:50 |
| -        | 127  | 5186718.URPN.   | USPAT                | 2003/03/31 10:58 |
| -        | 11   | 5882413.URPN.   | USPAT                | 2003/03/31 14:37 |
| -        | 49   | 5259881.URPN.   | USPAT                | 2003/03/31 15:04 |
| -        | 3898 | hiroki.in.  | USPAT;<br>US-PGPUB   | 2003/03/31 15:25 |
| -        | 67   | hiroki.in. and (118/\$.ccls.<br>156/345.\$.ccls. 414/\$.ccls.)  | USPAT;<br>US-PGPUB   | 2003/03/31 15:41 |
| -        | 759  | 414/939   | USPAT;<br>US-PGPUB   | 2003/03/31 15:41 |
| -        | 522  | ("0000217").PN. or ((414/939) or<br>(414/217.1)).CCLS.  | USPAT;<br>US-PGPUB   | 2003/03/31 15:44 |
| -        | 203  | (211/41.18).CCLS.   | USPAT;<br>US-PGPUB   | 2003/04/02 16:11 |
| -        | 1037 | ((414/939) or (414/217.1) or<br>(414/217)).CCLS.  | USPAT;<br>US-PGPUB   | 2003/04/02 16:12 |
| -        | 18   | 5391035.URPN.   | USPAT                | 2003/03/31 16:43 |
| -        | 1017 | 118/719.ccls. not (((414/939) or<br>(414/217.1) or (414/217)).CCLS.)  | USPAT;<br>US-PGPUB   | 2004/06/18 17:16 |
| -        | 1238 | 118/719.ccls. not ((211/41.18).CCLS.)   | USPAT;<br>US-PGPUB   | 2003/03/31 16:55 |
| -        | 1238 | 118/719.ccls.   | USPAT;<br>US-PGPUB   | 2003/04/02 16:12 |
| -        | 10   | 6048154.URPN.   | USPAT                | 2003/03/31 17:17 |
| -        | 0    | (09/502,126).CCLS.  | USPAT;<br>US-PGPUB   | 2003/03/31 18:30 |
| -        | 0    | ((loadlock "load lock") with chamber)<br>with vacuum with transfer\$3) with<br>(118/719.ccls. 156/345.31.ccls.<br>156/345.32.ccls.)                                 | USPAT;<br>US-PGPUB   | 2003/04/02 10:57 |
| -        | 0    | ((loadlock "load\$1lock") with chamber)<br>with vacuum with transfer\$3) with<br>(118/719.ccls. 156/345.31.ccls.<br>156/345.32.ccls.)                               | USPAT;<br>US-PGPUB   | 2003/04/02 10:57 |
| -        | 7    | ((loadlock "load\$1lock") with chamber)<br>with vacuum with transfer\$3) and<br>(118/719.ccls. 156/345.31.ccls.<br>156/345.32.ccls.)                                | USPAT;<br>US-PGPUB   | 2003/04/02 10:57 |
| -        | 31   | ((loadlock "load\$1lock") with chamber)<br>with transfer\$3) and (118/719.ccls.<br>156/345.31.ccls. 156/345.32.ccls.)   | USPAT;<br>US-PGPUB   | 2003/04/02 11:02 |
| -        | 3    | ((loadlock "load\$1lock") with chamber)<br>with transfer\$3) and (c23c016\$.ipc.)   | EPO; JPO;<br>DERWENT | 2003/04/02 11:00 |

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| - | 33   | ((loadlock "load\$1lock") with transfer\$3) and (118/719.ccls. 156/345.31.ccls. 156/345.32.ccls.))  | USPAT;<br>US-PGPUB | 2003/04/02 11:07 |
| - | 33   | ((loadlock "load\$1lock") with transfer\$3) and (118/719.ccls. 156/345.31.ccls. 156/345.32.ccls.)) not ((loadlock "load\$1lock") with chamber) with transfer\$3) and (c23c016\$.ipc.))                                  | USPAT;<br>US-PGPUB | 2003/04/02 11:05 |
| - | 0    | ((loadlock "load\$1lock") with chamber) with transfer\$3) and (c23c016\$.ipc.)) and ((loadlock "load\$1lock") with transfer\$3) and (118/719.ccls. 156/345.31.ccls. 156/345.32.ccls.))                                  | USPAT;<br>US-PGPUB | 2003/04/02 11:04 |
| - | 33   | ((loadlock "load\$1lock") with chamber) with transfer\$3) and (c23c016\$.ipc.)) ((loadlock "load\$1lock") with transfer\$3) and (118/719.ccls. 156/345.31.ccls. 156/345.32.ccls.))                                      | USPAT;<br>US-PGPUB | 2003/04/02 11:04 |
| - | 33   | ((loadlock "load\$1lock") with chamber) with transfer\$3) and (c23c016\$.ipc.)) ((loadlock "load\$1lock") with transfer\$3) and (118/719.ccls. 156/345.31.ccls. 156/345.32.ccls.))                                      | USPAT;<br>US-PGPUB | 2003/04/02 11:04 |
| - | 33   | ((loadlock "load\$1lock") with chamber) with transfer\$3) and (c23c016\$.ipc.)) ((loadlock "load\$1lock") with transfer\$3) and (118/719.ccls. 156/345.31.ccls. 156/345.32.ccls.))                                      | USPAT;<br>US-PGPUB | 2003/04/02 11:04 |
| - | 0    | ((loadlock "load\$1lock") with chamber) with transfer\$3) and (c23c016\$.ipc.)) not ((loadlock "load\$1lock") with transfer\$3) and (118/719.ccls. 156/345.31.ccls. 156/345.32.ccls.))                                  | USPAT;<br>US-PGPUB | 2003/04/02 11:04 |
| - | 2    | ((loadlock "load\$1lock") with transfer\$3) and (118/719.ccls. 156/345.31.ccls. 156/345.32.ccls.)) not ((loadlock "load\$1lock") with chamber) with transfer\$3) and (118/719.ccls. 156/345.31.ccls. 156/345.32.ccls.)) | USPAT;<br>US-PGPUB | 2003/04/02 11:05 |
| - | 19   | ((loadlock "load\$1lock") with atmosphere) and (118/719.ccls. 156/345.31.ccls. 156/345.32.ccls.))   | USPAT;<br>US-PGPUB | 2003/04/02 11:16 |
| - | 18   | ((loadlock "load\$1lock") with atmosphere) and (414/939.ccls.))   | USPAT;<br>US-PGPUB | 2003/04/02 11:20 |
| - | 106  | ((loadlock "load\$1lock") with atmosphere)  | USPAT;<br>US-PGPUB | 2003/04/02 11:20 |
| - | 238  | ((156/345.31) or (156/345.32)).CCLS.  | USPAT;<br>US-PGPUB | 2003/04/03 09:06 |
| - | 1240 | (118/719).CCLS.   | USPAT;<br>US-PGPUB | 2003/04/03 09:07 |
| - | 238  | ((156/345.31) or (156/345.32)).CCLS.  | USPAT;<br>US-PGPUB | 2003/04/03 09:06 |
| - | 1240 | (118/719).CCLS.   | USPAT;<br>US-PGPUB | 2003/04/03 11:59 |
| - | 16   | ("4785962"   "4819167"   "5120019"   "5133284"   "5226632"   "5275303"   "5292393"   "5302209"   "5363872"   "5469035"   "5494494"   "5505779"   "5525160"   "5611861"   "5798016"   "5885356").PN.                     | USPAT              | 2003/04/03 10:49 |
| - | 3    | 6152070.URPN.   | USPAT              | 2003/04/03 10:51 |
| - | 118  | ((156/345.31) or (156/345.32)).CCLS.) not ((118/719).CCLS.)   | USPAT;<br>US-PGPUB | 2003/04/03 11:25 |
| - | 22   | ponnekanti.in.  | USPAT;<br>US-PGPUB | 2003/04/03 15:39 |
| - | 12   | ponnekanti.in. and flange   | USPAT;<br>US-PGPUB | 2003/04/03 15:39 |
| - | 1    | ("6338626").PN.   | USPAT;<br>US-PGPUB | 2003/04/16 19:05 |
| - | 0    | WO9913504   | USPAT;<br>US-PGPUB | 2003/04/16 19:03 |

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|---|------|---|----------------------|------------------|
| - | 0    | "9913504"   | USPAT;<br>US-PGPUB   | 2003/04/16 19:03 |
| - | 0    | "199913504"   | USPAT;<br>US-PGPUB   | 2003/04/16 19:10 |
| - | 7    | ("5314574"   "5512320"   "5909994"  <br>"6059507"   "6079928"   "6254328"  <br>"6270582").PN.   | USPAT                | 2003/04/16 19:04 |
| - | 0    | "13504" and saeki.in.   | USPAT;<br>US-PGPUB   | 2003/04/16 19:05 |
| - | 7    | "13504"   | EPO; JPO;<br>DERWENT | 2003/04/16 19:09 |
| - | 2    | "09262679"  | EPO; JPO;<br>DERWENT | 2003/04/16 19:10 |
| - | 0    | "90262679"  | EPO; JPO;<br>DERWENT | 2003/04/16 19:10 |
| - | 0    | "199913504"   | EPO; JPO;<br>DERWENT | 2003/04/16 19:10 |
| - | 153  | "13504"   | USPAT;<br>US-PGPUB   | 2003/04/16 19:11 |
| - | 7    | "13504"   | EPO; JPO;<br>DERWENT | 2003/04/16 19:11 |
| - | 9471 | saeki.in.   | EPO; JPO;<br>DERWENT | 2003/04/16 19:11 |
| - | 142  | saeki.in. and tokyo.as.   | EPO; JPO;<br>DERWENT | 2003/04/16 19:11 |
| - | 1803 | ((118/719) or (156/345.31) or (156/345.32)<br>or (414/939)).CCLS.   | USPAT;<br>US-PGPUB   | 2003/11/04 15:53 |
| - | 33   | ((118/719) or (156/345.31) or<br>(156/345.32) or (414/939)).CCLS.) and<br>staged  | USPAT;<br>US-PGPUB   | 2004/06/18 17:16 |
| - | 1    | "4472455".PN.   | USPAT                | 2003/11/04 15:56 |
| - | 50   | ((118/719) or (156/345.31) or<br>(156/345.32) or (414/939)).CCLS.) and<br>(strip\$4 with chamber)   | USPAT;<br>US-PGPUB   | 2003/11/04 16:07 |
| - | 138  | ponnekanti-hari.in. fairbairn-kevin.in.<br>somekh-sasson.in. weidman-timothy.in.<br>shamouilian-sam.in. moghadam-farhad.in.   | USPAT;<br>US-PGPUB   | 2004/06/18 17:15 |
| - | 293  | staged with cluster   | USPAT;<br>US-PGPUB   | 2004/06/18 13:45 |
| - | 0    | (staged with cluster) same (strip\$4)   | USPAT;<br>US-PGPUB   | 2004/06/18 13:45 |
| - | 5    | (staged with cluster) same (wafer<br>substrate workpiece)   | USPAT;<br>US-PGPUB   | 2004/06/18 14:00 |
| - | 43   | ("4784973"   "4920072"   "4920073"  <br>"4926237"   "4938996"   "4951601"  <br>"4960732"   "4985750"   "4994410"  <br>"5010032"   "5023201"   "5028565"  <br>"5032233"   "5043299"   "5043300"  <br>"5080933"   "5081064"   "5102826"  <br>"5102827"   "5106781"   "5143867"  <br>"5147819"   "5240739"   "5250465"  <br>"5250467"   "5286296"   "5292558"  <br>"5308796"   "5312774"   "5316972"  <br>"5354712"   "5380682"   "5384284"  <br>"5429991"   "5439731"   "5478780"  <br>"5480836"   "5514425"   "5529955"  <br>"5585308"   "5585673"   "5607776"  <br>"5698989").PN. | USPAT                | 2004/06/18 13:47 |
| - | 3    | (cluster) same (strip\$4) same (liquid with<br>(deposit\$4 coat\$4)) same (wafer substrate<br>workpiece)  | USPAT;<br>US-PGPUB   | 2004/06/18 14:01 |
| - | 3    | (cluster) same (strip\$4) same (liquid with<br>(deposit\$4 coat\$4)) same (wafer substrate<br>workpiece)  | USPAT;<br>US-PGPUB   | 2004/06/18 14:06 |
| - | 0    | (cluster) same (strip\$4) same (liquid with<br>(deposit\$4 coat\$4)) same (wafer substrate<br>workpiece)  | EPO; JPO;<br>DERWENT | 2004/06/18 14:05 |
| - | 1    | (cluster) same (strip\$4) same (liquid with<br>(deposit\$4 coat\$4))  | EPO; JPO;<br>DERWENT | 2004/06/18 14:05 |
| - | 4    | (cluster) same (strip\$4) same (liquid with<br>(deposit\$4 coat\$4))  | USPAT;<br>US-PGPUB   | 2004/06/18 14:05 |

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| - | 1056 | (strip\$4) same (liquid with (deposit\$4 coat\$4)) same (wafer substrate workpiece)   | USPAT;<br>US-PGPUB | 2004/06/18 14:06 |
| - | 3    | ((multi\$5 with chamber) multi\$5chamber (plurality with chamber)) same (strip\$4) same (liquid with (deposit\$4 coat\$4)) same (wafer substrate workpiece)               | USPAT;<br>US-PGPUB | 2004/06/18 14:10 |
| - | 0    | (414/939.ccls. 118/719.ccls. 118/718.ccls. 156/345.31.\$ccls. 156/345.32.ccls. ) same (strip\$4) same (liquid with (deposit\$4 coat\$4)) same (wafer substrate workpiece) | USPAT;<br>US-PGPUB | 2004/06/18 14:12 |
| - | 2    | (414/939.ccls. 118/719.ccls. 118/718.ccls. 156/345.31.\$ccls. 156/345.32.ccls. )and ((strip\$4) same (liquid with (deposit\$4 coat\$4)) same (wafer substrate workpiece)) | USPAT;<br>US-PGPUB | 2004/06/18 14:12 |
| - | 2    | (414/939.ccls. 118/719.ccls. 118/718.ccls. 156/345.31.\$ccls. 156/345.32.ccls.) and ((strip\$4) same (liquid with (deposit\$4 coat\$4)) same (wafer substrate workpiece)) | USPAT;<br>US-PGPUB | 2004/06/18 14:13 |
| - | 7    | (414/939.ccls. 118/719.ccls. 118/718.ccls. 156/345.31.\$ccls. 156/345.32.ccls.) and ((strip\$4) same (liquid with (deposit\$4 coat\$4)) )                                 | USPAT;<br>US-PGPUB | 2004/06/18 14:13 |